

17364 U.S. PTO  
06/27/03

# PATENT APPLICATION TRANSMITTAL LETTER

21909 U.S. PTO  
10/607834  
06/27/03

To the Commissioner of Patents and Trademarks:



23713

PATENT TRADEMARK OFFICE

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Mail Stop Patent Application, Hon. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, No. EV 320 166 679 US.

27 June 03  
Date

Kay Speaker  
Kay Speaker

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R §1.53 is the patent application of: Viola Vogel, Wendy Thomas, Manu Forero and Evgeni Sokurenko  
entitled: "Use of Adhesion Molecules as Bond Stress-Enhanced Nanoscale Binding Switches"

Enclosed are:

- ☒ 96 pages of written description, claims and abstract.
- ☒ 23 sheets of drawings.
- ☐ an assignment of the invention to \_\_\_\_\_
- ☒ unexecuted declaration of the inventors and power of attorney.
- ☐ a certified copy of a \_\_\_\_\_ application.
- ☐ associate power of attorney.
- ☒ Applicant claims small entity status under 37 CFR §1.9 and §1.27.
- ☐ information disclosure statement.
- ☐ preliminary amendment
- ☐ Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)
- ☒ other: Sequence Listing and diskette; Statement Under 37 CFR 1.821-824

## CLAIMS AS FILED

	Number Filed	Number Extra	Rate	Fee
BASIC FEE			\$750	\$750
TOTAL CLAIMS	85 -20=	65	x \$18	\$1170
INDEPENDENT CLAIMS	21-3=	18	x \$84	\$1512
MULTIPLE DEPENDENT CLAIM PRESENT			x \$280	

\* Number extra must be zero or larger

**TOTAL \$3,432**

If applicant has small entity status under 37 C.F.R.  
1.9 and 1.27, then divide total fee by 2, and enter  
amount here.

**SMALL ENTITY TOTAL**

**\$1,716**

- X No filing fee is enclosed at this time.
- A check in the amount of \$ to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and credit Deposit Account No. 07-1969 as described below. A duplicate copy of this sheet is enclosed.

- Charge the amount of \$\_\_\_\_\_ as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 CFR 1.16 and 1.17.
- Charge the issue fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
- Other \_\_\_\_\_

— Benefit of Prior U.S. Application(s) (35 USC 120)

Applicant claims priority under 35 USC 120 to the following application(s):

X Benefit of Prior U.S. Provisional Application(s) (35 USC 119(e))

60/392,467 filed June 27, 2002

— Benefit of Prior Foreign Application(s) (35 USC 119)

Applicant claims priority under 35 USC 119 to the following applications:



Laura L. Conley  
Reg. No. P-54,653

GREENLEE WINNER and SULLIVAN, P.C.  
5370 Manhattan Circle, Suite 201  
Boulder, CO 80303  
Phone: (303) 499-8080  
Fax: (303) 499-8089  
email: winner@greenwin.com  
ks: June 27, 2003  
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